

Converting Colors

XYZ(59.6313, 82.5861, 69.0616)

Have a look what the booklet for
XYZ(59.6313, 82.5861, 69.0616)
contains.

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Color

**XYZ(59.6764, 82.6041,
69.2988)**

Conversions

Conversions Part 1

Format	Color
Hex	99FFCB
RGB	153, 255, 203
RGB Percent	60%, 100%, 80%
CMY	0.4000, 0.0000, 0.2039
CMYK	0.40, 0.00, 0.20, 0.00
HSL	149°, 100%, 80%
HSV	149°, 40%, 100%
XYZ	59.6764, 82.6041, 69.2988
YIQ	218.5740, -44.1000, -37.7960

Conversions

Conversions Part 2

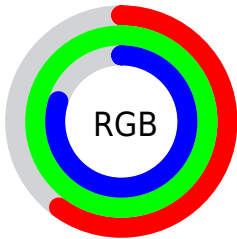
Format	Color
RYB	153, 221, 255
Decimal	10092491
CIELab	92.84, -41.00, 15.62
CIElCh	93, 43.871, 159.141
Yxy	82.6041, 0.2821, 0.3904
Android (android.graphics.Color)	4288282571 (0xFF99FFCB)
YUV	218.5740, -7.6780, -57.5084
Hunter-Lab	90.8868, -41.8485, 18.4137

Details

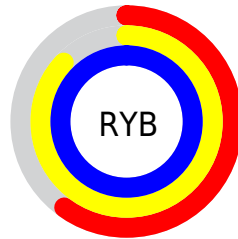
The XYZ color **59.6764, 82.6041, 69.2988** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **63.6512, 48.4512, 63.7552**, and the grayscale version is **67.1102, 70.6051, 76.8890**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **30.4428, 45.0449, 35.5238** is the 20% darker color. If you saturate the color by 10%, you get **53.8820, 79.7885, 61.2774**, and if you desaturate by 10%, it is **66.6306, 86.0025, 78.0554**.

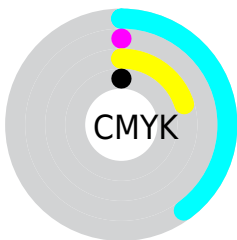
Distribution



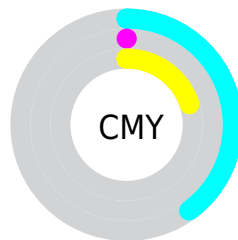
- Red (60%)
- Green (100%)
- Blue (80%)



- Red (60%)
- Yellow (87%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)




- Cyan (40%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6764, 82.6041, 69.2988 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 59.6764, 82.6041, 69.2988 by changing the saturation by 10% instead.

 59.6764, 82.6041,
69.2988


 59.6764, 82.6041,
69.2988


413.2578,
503.6661, 476.8066

 43.4063, 61.8636,
50.4818

 103.4691,
137.0208, 119.8800

 30.4000, 44.9225,
35.4225


 131.7225,
171.4659, 152.4812

 20.2919, 31.3964,
23.7024


164.7010,
211.2479, 190.5144

 12.7169, 20.9009,
14.9028

202.7699,
256.7512, 234.3979

 7.3096, 13.0516,
8.6054

246.2948,
308.3603, 284.5503

 3.7045, 7.4641,
4.3914

295.6408,

 1.5363, 3.7540,

366.4596, 341.3902

1.8424

351.1734,
431.4334, 405.3361

0.3504, 1.5369,
0.4557

0.0000, 0.3145,
0.0000

59.6764, 82.6041,
69.2988

59.6764, 82.6041,
69.2988

53.8820, 79.7885,
61.2774

66.6306, 86.0025,
78.0554

49.1759, 77.5194,
53.9672

74.8057, 90.0150,
87.5620

45.4817, 75.7576,
47.3488

84.2610, 94.6717,
97.8381

42.7115, 74.4583,
41.4001

95.0500, 100.0000,
108.9000

■ 40.7611, 73.5682,
36.0976

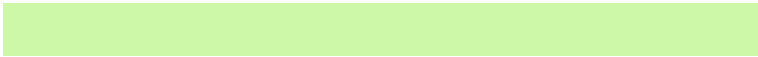
■ 39.4619, 73.0008,
31.4138

■ 39.4618, 73.0007,
31.4133

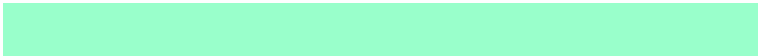
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.4136, 82.6041, 49.3517



59.6764, 82.6041, 69.2988



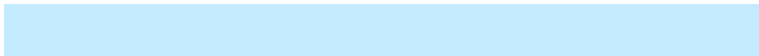
58.7123, 82.6041, 100.3404

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.6764, 82.6041, 69.2988



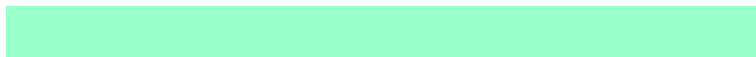
82.0643, 82.6041, 167.7029



96.8649, 82.6041, 55.7099

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.6764, 82.6041, 69.2988



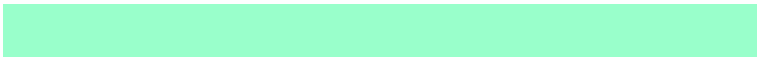
63.6512, 48.4512, 63.7552

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.3286, 82.6041, 80.2877



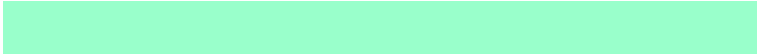
59.6764, 82.6041, 69.2988



93.2533, 82.6041, 148.2742

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.6764, 82.6041, 69.2988



70.9283, 82.6041, 162.7041



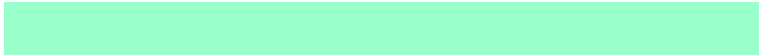
100.9463, 82.6041, 114.3242



86.6194, 82.6041, 42.9349

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.6764, 82.6041, 69.2988



60.8032, 82.6041, 124.2900



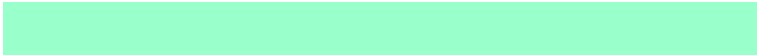
100.9463, 82.6041, 114.3242



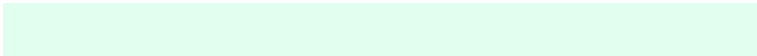
99.3648, 82.6041, 62.5879

Sweetspot

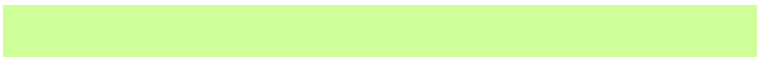
The Sweet Spot groups the original color and five complimentary colors.



59.6771, 82.6045, 69.3002



82.2638, 93.6870, 95.7193



66.8808, 86.8991, 43.3864



17.3349, 19.9184, 20.1955



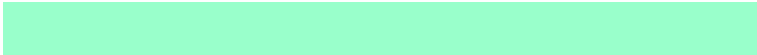
0.0000, 0.0000, 0.0000



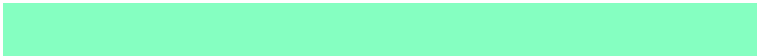
20.3446, 21.4041, 23.3091

Same Dimension

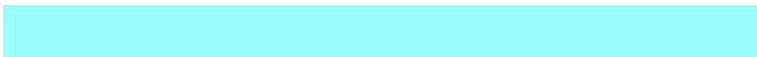
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.6771, 82.6045, 69.3002



54.9510, 80.3065, 62.8234



66.6749, 85.4036, 106.1497



18.1427, 20.3166, 21.0545



20.6946, 38.1744, 16.8089



2.0700, 3.7389, 1.9263

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63.6512, 48.4512, 63.7552



59.4231, 41.8658, 56.5782



58.5231, 46.3999, 36.7512



18.3959, 18.1417, 20.7017



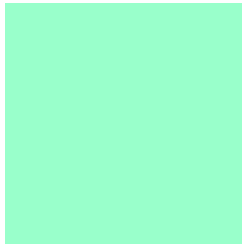
23.7298, 11.9812, 12.4935



2.3657, 1.1886, 1.5071

Previews

White Background



This preview shows how the XYZ color 59.6764, 82.6041, 69.2988 looks on a white background.

Color Contrast Check

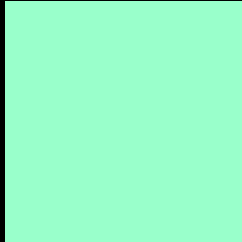
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 59.6764, 82.6041, 69.2988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

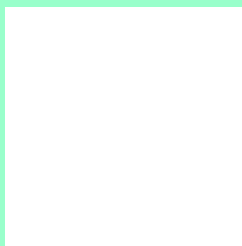
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6764, 82.6041, 69.2988

Background



This preview shows how black text looks on a background with the XYZ color 59.6764, 82.6041, 69.2988.

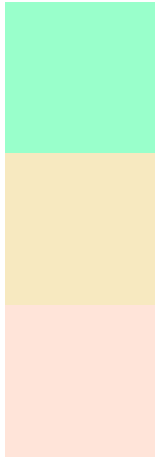


This preview shows how white text looks on a background with the XYZ color 59.6764, 82.6041,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.6764, 82.6041, 69.2988

Protanopia

77.0111, 81.8578, 61.6104

Deuteranopia

81.5078, 81.7566, 77.1303



Tritanopia

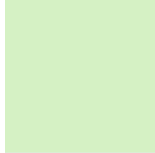
72.0503, 82.1936, 106.6752

Trichromacy



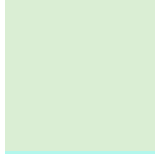
Original Color

59.6764, 82.6041, 69.2988



Protanomaly

68.8597, 81.0423, 64.2380



Deuteranomaly

71.3716, 80.8080, 74.1232



Tritanomaly

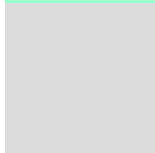
66.9915, 82.1614, 91.6848

Monochromacy



Original Color

59.6764, 82.6041, 69.2988



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

63.3725, 74.1194, 73.9172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6764, 82.6041, 69.2988 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(153, 255, 203)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 203)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(153, 255, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 203) }
```

Border

The CSS property to change the border of an element to XYZ 59.6764, 82.6041, 69.2988 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 255, 203) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(153, 255, 203) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(153, 255, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 203);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6764, 82.6041, 69.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 255, 203) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(153,  
255, 203) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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